

## IN THE CLAIMS:

Please amend the Claims as follows (the changes in these Claims are shown with ~~strike through~~ for deleted matter and underlines for added matter). A complete listing of the claims with proper claim identifiers is set forth below.

1. (Currently Amended) A non-stick coating on a substrate comprising at least one coat ~~one coat~~ comprising:

- a. a silane;
- b. a binder component; and
- c. a fluoropolymer component;

wherein the weight ratio of the binder component to the fluoropolymer component is about 1:4.

2. (Original) The non-stick coating of claim 1, wherein the binder component comprises PES and the fluoropolymer component comprises MFA.

3. (Original) The non-stick coating of claim 1, wherein the binder component comprises PAI and the fluoropolymer component comprises MFA.

4. (Original) The non-stick coating of claim 1, wherein the binder component comprises PES and the fluoropolymer component comprises PFA.

5. (Original) The non-stick coating of claim 1, wherein the binder component comprises PAI and the fluoropolymer component comprises PFA.

6. (Currently Amended) The non-stick coating of claim 1, wherein the one coat ~~one coat~~ is cured by infrared radiation.

7. (Currently Amended) The non-stick coating of claim 1, wherein the one coat ~~one coat~~ further includes a black pigment.

8. (Currently Amended) A conductive non-stick coating on a substrate comprising at least one coat ~~one-coat~~, the one coat ~~one-coat~~ comprising:

- a. a silane;
- b. a conductive pigment;
- c. a binder component;
- d. a fluoropolymer component; and

wherein the weight ratio of the binder component to the fluoropolymer component is about 1:4.

9. (Original) The non-stick coating of claim 8, wherein the binder component comprises PES and the fluoropolymer component comprises MFA.

10 (Original) The non-stick coating of claim 8, wherein the binder component comprises PAI and the fluoropolymer component comprises MFA.

11. (Original) The non-stick coating of claim 8, wherein the binder component comprises PES and the fluoropolymer component comprises PFA.

12. (Original) The non-stick coating of claim 8, wherein the binder component comprises PAI and the fluoropolymer component comprises PFA.

13. (Currently Amended) The non-stick coating of claim 8, wherein the one coat ~~one-coat~~ is cured by infrared radiation.

14. (Currently Amended) The non-stick coating of claim 8, wherein the one coat ~~one-coat~~ further includes a black pigment.

15. (Cancelled).

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20. (Cancelled).

21. (Cancelled).

22. (Cancelled).

23. (Cancelled).

24. (Cancelled).

25. (Cancelled).

26. (Cancelled).

27. (Cancelled).

28. (Cancelled).

29. (Cancelled).

30. (Cancelled).

31. (Cancelled).

32. (Cancelled).

33. (Cancelled).
34. (Cancelled).
35. (New) A non-stick coating formulation comprising:
- a. a silane;
  - b. a binder component; and
  - c. a fluoropolymer component;
- wherein the weight ratio of the binder component to the fluoropolymer component is about 1:4.
36. (New) The non-stick coating formulation of claim 35, wherein the binder component comprises PES and the fluoropolymer component comprises MFA.
37. (New) The non-stick coating formulation of claim 35, wherein the binder component comprises PAI and the fluoropolymer component comprises MFA.
38. (New) The non-stick coating formulation of claim 35, wherein the binder component comprises PES and the fluoropolymer component comprises PFA.
39. (New) The non-stick coating formulation of claim 35, wherein the binder component comprises PAI and the fluoropolymer component comprises PFA.
40. (New) A conductive non-stick coating formulation comprising:
- a. a silane;
  - b. a conductive pigment;
  - c. a binder component;
  - d. a fluoropolymer component; and
- wherein the weight ratio of the binder component to the fluoropolymer component is about 1:4.

41. (New) The non-stick coating formulation of claim 40, wherein the binder component comprises PES and the fluoropolymer component comprises MFA.

42. (New) The non-stick coating formulation of claim 40 wherein the binder component comprises PAI and the fluoropolymer component comprises MFA.

43. (New) The non-stick coating formulation of claim 40, wherein the binder component comprises PES and the fluoropolymer component comprises PFA.

44. (New) The non-stick coating formulation of claim 40, wherein the binder component comprises PAI and the fluoropolymer component comprises PFA.

45. (New) The non-stick coating formulation of claim 40, further comprising a black pigment.